



Energy Systems Integration Facility Workshop Agenda

The Energy Systems Integration Facility (ESIF) will be NREL's largest research and development building with substantial completion scheduled for the late fall of 2012. The purpose of this workshop is to engage prospective industry, academic, national laboratory, and utility partners in identifying high-priority uses of ESIF capabilities and to make partners aware of the mechanisms by which they can access the facility's laboratories and engage with staff members in collaborative R&D.

Thursday, October 27, 2011 – Morning Session

7:30 – 8:00 a.m.	Continental Breakfast
8:00 – 8:05 a.m.	Meeting Logistics, Ben Kroposki, Director, Energy Systems Integration, NREL
8:05 – 8:20 a.m.	Welcome, Dan Arvizu, Laboratory Director, NREL
8:20 – 8:40 a.m.	Steve Chalk, Deputy Assistant Secretary, Renewable Energy, Energy Efficiency & Renewable Energy, U.S. DOE
8:40 – 9:00 a.m.	Avi Gopstein, Senior Advisor to the Under Secretary for Science, U.S. DOE
9:00 – 9:20 a.m.	Ben Kroposki
9:20 – 9:40 a.m.	Bill Kramer, Group Manager, Distributed Energy Systems Integration, NREL
9:40 – 10:00 a.m.	Dave Mooney, Center Director, Electricity, Resources & Buildings Systems Integration, NREL
10:00 – 10:30 a.m.	Break
10:30 – 10:50 a.m.	Tim Enwall, Founder & CIO, Tendril
10:50 – 11:10 a.m.	Frank Novachek, Director of Corporate Planning, Xcel Energy
11:10 – 11:30 a.m.	Daniel Brooks, Electric Power Research Institute
11:30 – 11:45 a.m.	Steven Hammond, Director, Computational Science, NREL
11:45 – 12:00 p.m.	Afternoon Session Overview, Ben Kroposki
12:00 – 1:30 p.m.	Lunch Provided

Thursday, October 27, 2011 – Afternoon Session

1:30 – 5:00 p.m.

Breakout Sessions

Breakout 1 – Distribution Systems Integration

Breakout 2 – Bulk Power Systems Integration

Breakout 3 – Thermal Systems and Building Integration

Breakout 4 – Hydrogen and Fuel Cells Systems Integration

Thursday, October 27, 2011 – Evening Reception

6:00 – 9:00 p.m.

A reception with light hors d'oeuvres and a hosted bar will follow the workshop beginning at 6:00 p.m. at the Denver Marriott West, 1717 Denver West Boulevard, Golden, CO.

Friday, October 28, 2011

7:30 – 8:00 a.m.

Continental Breakfast

8:00 – 8:30 a.m.

Reconvene and Review Day 1, Ben Kroposki

8:30 – 10:00 a.m.

Breakout Session Report-Outs/Q&As

8:30 – 8:50 a.m. Breakout 1 – Distribution Systems Integration

8:50 – 9:10 a.m. Breakout 2 – Bulk Power Systems Integration

9:10 – 9:30 a.m. Breakout 3 – Thermal Systems and Building Integration

9:30 – 9:50 a.m. Breakout 4 – Hydrogen and Fuel Cells Systems Integration

10:00 – 10:30

Break

10:30 – 11:30 a.m.

Brent Rice, Executive Manager, Partnership Development, NREL

11:30 – 12:00 p.m.

Workshop Wrap Up Discussion

12:15 – 1:15 p.m.

Tour NREL's New Research Support Facility – *Optional*

Thank you for attending.



ENERGY SYSTEMS
INTEGRATION FACILITY

U.S. DEPARTMENT OF ENERGY